APPLICANT: STEVEN GOETZ

TITLE: SELECTION OF NEUROSTIMULATION ELECTRODE

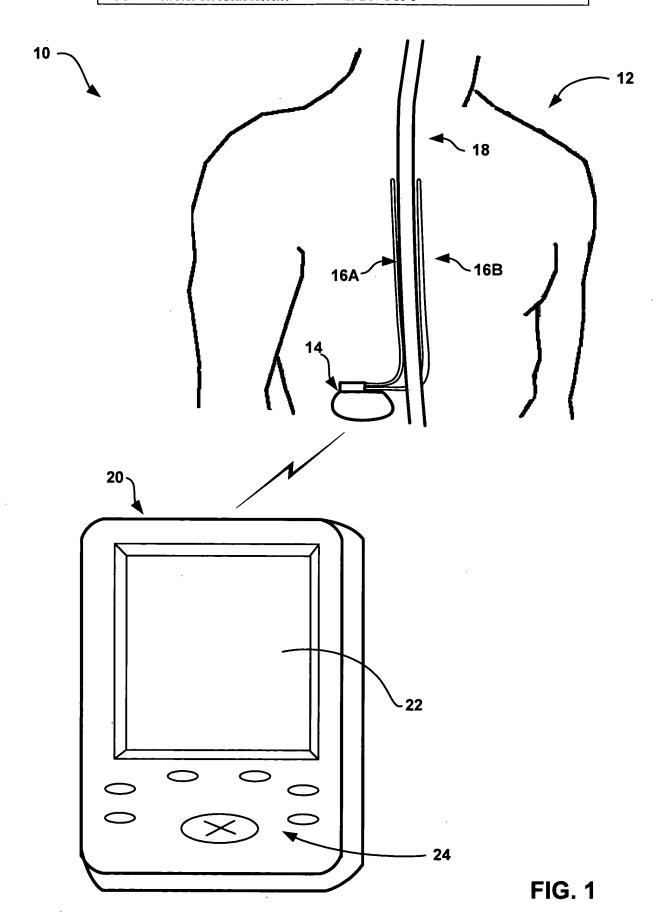
CONFIGURATIONS USING DECISION TREES

ATTORNEY/AGENT: STEVEN J. SHUMAKER DOCKET NO.: 1023-261US01/P11535.00

REG. NO. 36,275

SHEET 1 OF 6

TELEPHONE: 651.735.1100



APPLICANT: STEVEN GOETZ TITLE: SELECTION OF NEUROSTIMULATION ELECTRODE CONFIGURATIONS USING DECISION TREES

REG. NO. 36,275

ATTORNEY/AGENT: STEVEN J. SHUMAKER DOCKET NO.: 1023-261US01/P11535.00 TELEPHONE: 651.735.1100 SHEET 2 OF 6

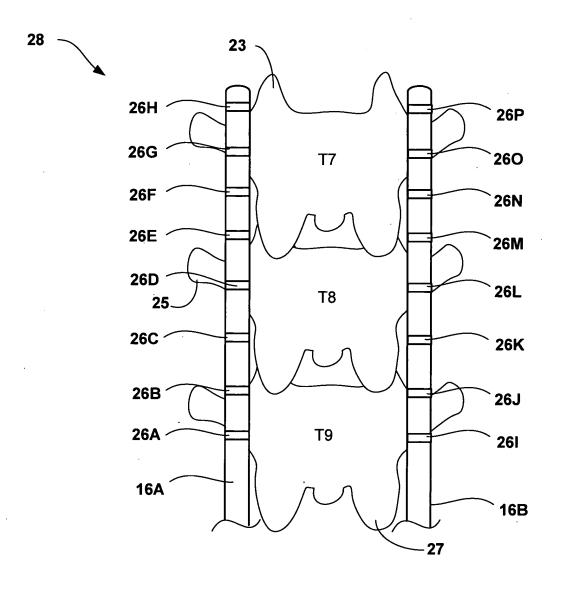


FIG. 2

APPLICANT: STEVEN GOETZ

TITLE: SELECTION OF NEUROSTIMULATION ELECTRODE

CONFIGURATIONS USING DECISION TREES

ATTORNEY/AGENT: STEVEN J. SHUMAKER REG. NO. 36,275 TELEPHONE: 651.735.1100

DOCKET NO.: 1023-261US01/P11535.00 SHEET 3 OF 6

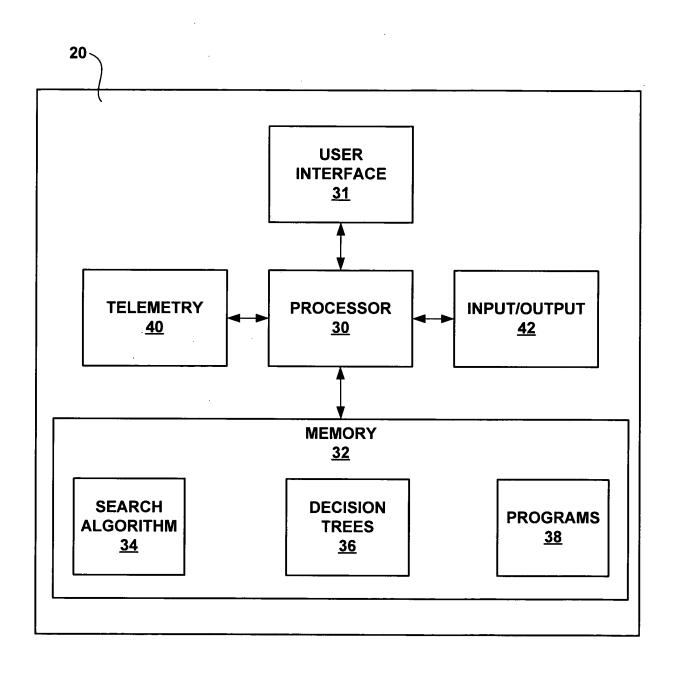


FIG. 3

APPLICANT: STEVEN GOETZ

TITLE: SELECTION OF NEUROSTIMULATION ELECTRODE

CONFIGURATIONS USING DECISION TREES

ATTORNEY/AGENT: STEVEN J. SHUMAKER REG. NO. 36,275 TELEPHONE: 651.735.1100

DOCKET NO.: 1023-261US01/P11535.00 SHEET 4 OF 6

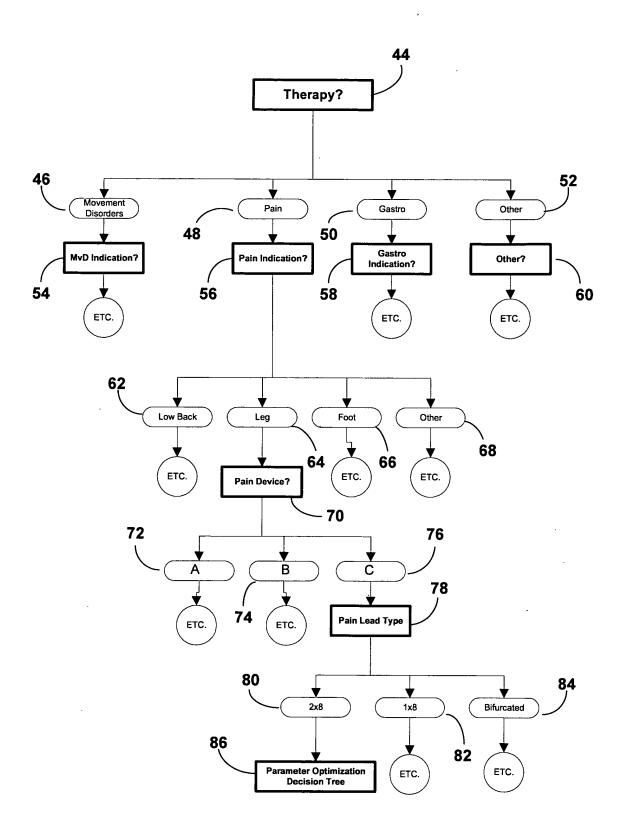


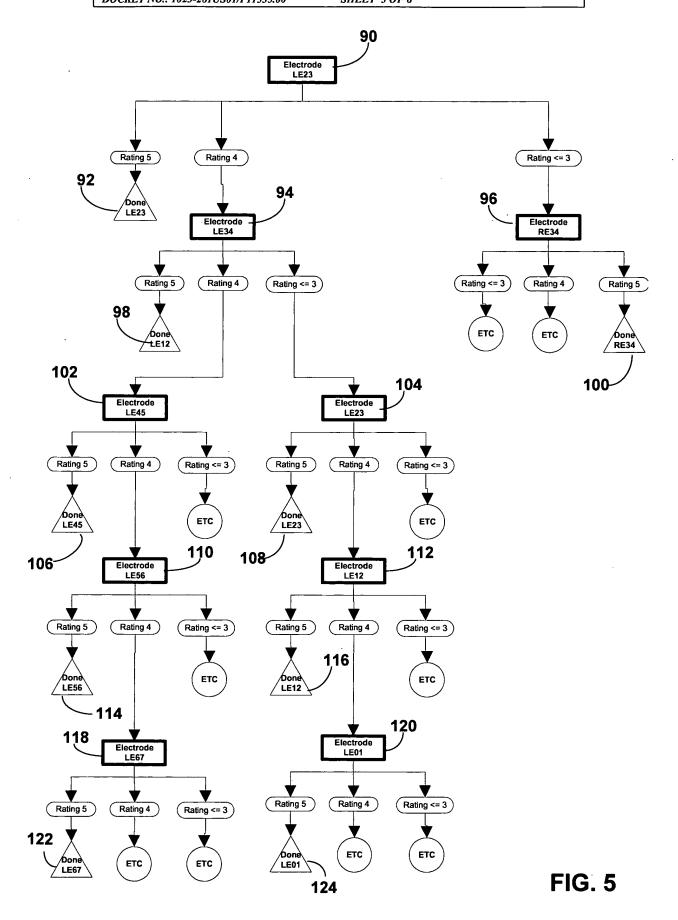
FIG. 4

APPLICANT: STEVEN GOETZ
TITLE: SELECTION OF NEUROSTIMULATION ELECTRODE

CONFIGURATIONS USING DECISION TREES

ATTORNEY/AGENT: STEVEN J. SHUMAKER DOCKET NO.: 1023-261US01/P11535.00

REG. NO. 36,275 SHEET 5 OF 6 TELEPHONE: 651.735.1100



APPLICANT: STEVEN GOETZ TITLE: SELECTION OF NEUROSTIMULATION ELECTRODE **CONFIGURATIONS USING DECISION TREES** ATTORNEY/AGENT: STEVEN J. SHUMAKER REG. NO. 36,275 TELEPHONE: 651,735,1100 DOCKET NO.: 1023-261US01/P11535.00 SHEET 6 OF 6 126 **ACCESS DECISION TREE** 128 **INITIATE SEARCH ALGORITHM** 130 SELECT THERAPY, INDICATION, DEVICE AND LEAD CONFIGURATION VIA FIRST TREE 132 SELECT ROOT NODE IN SECOND TREE FOR ELECTRODE CONFIGURATION 134 **OBSERVE EFFICACY** 135 **YES EFFICACY** THRESHOLD SATISFIED? NO 136 **EXPAND ROOT NODE AND SELECT NEXT-**LEVEL NODE BASED ON EFFICACY 144 138 **OBSERVE EFFICACY** 140 **YES EFFICACY** THRESHOLD SATISFIED? NO NO 142 **ITERATION LIMIT EXCEEDED?** 146 YES

ADD SELECTED ELECTRODE CONFIGURATION

TO NEUROSTIMULATION PROGRAM

FIG. 6